## **ABSTRACT**

The invention relates to processes for the production of a buckling-resistant stove-finished structural member from cold rolled and dressed strip (cold strip) non-ageing steel with high bake-hardening potential, more particularly of more than 70 N/mm². The characterising feature of the invention is that the cold strip is converted by dressing into a yield point stretch-free state ( $R_{\rm eh}-R_{\rm el}$  < 2 N/mm²), then stored at a temperature below room temperature and further processed into the form of a structural member, whereafter the strip is finally stove finished.

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